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DATE: October 2, 2001

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RE:

## MESSAGE:

**Examiner Umez-Eronini:**

Attached are English Language Abstracts for JP 54-10825 and 61-284301 (copies of the patents were previously submitted with IDS filed 12/14/00). Please initial the attached PTO Form 1449 so that we know the documents have been considered as to their merits. Thank you for being so helpful.

Laura Blair (tel) (703) 299-6907  
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(BDSM 12/99)

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02070201 \*\*Image available\*\*  
BUILT-UP TOOL

PUB. NO.: 61-284301 A]

PUBLISHED: December 15, 1986 (19861215)

INVENTOR(s): SATO KENJI

KOBAYASHI HACHIRO

SATO SHINICHI

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 60-122391 [JP 85122391]

FILED: June 07, 1985 (19850607)

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## ABSTRACT

PURPOSE: To obtain a high rigid and high accurate built-up tool to be easily mounted and removed, by providing a holder module, tool module and

an intermediate module to be engaged and fixed by protruded and recessed parts respectively equipped in the modules, in the case of the built-up tool for a machine tool.

CONSTITUTION: A holder module 1, providing in its one end a tapered part to be fitted to a main spindle in a machine tool, is fixed by a pull stud 8. The module 1, providing a recessed part 9 in the other end part, is equipped with a tapered hole 10a extending through in the diametric direction. A small contour protruded part 12 in a stepped column-shaped intermediate module 2 engages with the recessed part 9 of the holder module 1. A built-up tool, forming height  $h$ (sub 1) of the protruded part smaller than depth  $d$ (sub 1) of the recessed part, provides a fixed clearance between the point end surface of the protruded part and the bottom surface of the recessed part. The tool, providing a tapered hole 10b so as to be coaxially aligned with the tapered hole 10a when the modules 1, 2 are properly engaged, fixes the modules by a cotter 4. A cutting tip 17 is mounted to the point end of a tool module 3 fixed by the similar method. In this way, the built-up tool can be easily assembled by wedge action of the cotter 4 further the tool improves its rigidity and accuracy.

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00358825  
PREFIRING PREVENTING ARRANGEMENT FOR TWO CYCLE ENGINE

PUB. NO.: 54-010925 A]  
PUBLISHED: January 26, 1979 (19790126)  
INVENTOR(s): YAMAMOTO MASARU  
YAMASHITA TATSUMI  
APPLICANT(s): KAWASAKI HEAVY IND LTD [000097] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 52-075914 [JP 7775914]  
FILED: June 24, 1977 (19770624)

## ABSTRACT

PURPOSE: To prevent prefiring of suction air in a two cycle engine and to increase the amount of suction air by constituting the engine such that an auxiliary suction port is provided at a position below an exhaust port.  
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(Signature of person signing the certificate)

Date: 10/02/01  
(Date of Signature)